



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,033	03/18/2004	Takamichi Muramatsu	008312-0308827	5594

909 7590 07/24/2006

PILLSBURY WINTHROP SHAW PITTMAN, LLP
P.O. BOX 10500
MCLEAN, VA 22102

EXAMINER

NATNAEL, PAULOS M

ART UNIT	PAPER NUMBER
----------	--------------

2622

DATE MAILED: 07/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/803,033

Applicant(s)

MURAMATSU, TAKAMICHI

Examiner

Paulos M. Natnael

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/18/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims **1-4,6-11** are rejected under 35 U.S.C. 102(b) as being anticipated by Haskin, U.S. Patent No. 5,724,101.

Considering claim 1, Haskin in fig. 1 discloses a diagnostic imaging apparatus 10 (corresponding to the claimed video signal generation unit) which outputs a video signal having one format, a video converter (non-standard to standard) 14 (fig.1) or 88(fig.2), which comprises analog frame grabber 120 (fig.4) that grabs and stores (corresponding to the claimed signal format judgment unit and format information hold unit) the analog video from the source and produces a format-converted , for example, 512 lines per frame video signal, and modem 43 (figs.1,2 and 6) for transmitting the format-converted video to a remote destination, meeting all claimed subject matter as claimed.

Art Unit: 2622

As to claims **2 and 3**, see rejection of claim 1;

As to claim **4**, Haskin discloses the frame grabber which grabs the video having 680 horizontal lines and sends it through a cropping gate that crops 168 line to produce a 512 horizontal lines per frame, which is a standard video format of the NTSC type.

Regarding claim **6**, Haskin discloses the CAT system, as one of the video generation units disclosed, comprising a digital file storage unit 74 that may be accessed by the processor 80 and an archival storage unite 78 that are used to store the original analog video before being transmitted or converted to a different format.

Claim **7** is a method claim of claim 1, thus claim 7 is rejected for the same reasons as in claim 1.

Concerning claim **8**, see rejection of claim 1;

As to claim **9**, Haskin discloses the frame grabber that grabs and stores the video having 680 horizontal lines and sends it through a cropping gate which crops 168 line to produce a 512 horizontal lines per frame standard video format, the NTSC format.

Regarding claim **10**, Haskin teaches in fig.2 the diagnostic station processor (corresponding the claimed video processor) comprising a video converter, A/D converter as well as video monitor 21, corresponding to the claimed display unit.

Regarding claim **11**, Haskin teaches in fig.2 the diagnostic station processor (corresponding the claimed video processor) comprising a video converter, A/D converter as well as direct access storage device meeting the claimed recording/reproducing unit.

3. Claim **8** is rejected under 35 U.S.C. 102(e) as being anticipated by Nakata, U.S. Patent Application Publication No.2003/0174244.

Nakata discloses in Fig.5 a tuner 26 (corresponding to the claimed video signal reception unit), an MPEG DEC 28 (the claimed video signal processing unit), image format conversion device 30 comprising an output format memory 41 (corresponding to the claimed format information hold unit) and format conversion control circuit 40 (the claimed format information output unit). Thus, the disclosure in Fig.5 meets all claimed subject matter.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

Art Unit: 2622

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Haskin.

Regarding the claimed "a tuner to extract a broadcasting signal and video signal restore unit to generate the video signal extracted by the tuner", the examiner takes Official Notice in that a tuner and/or a receiver circuitry are notoriously well known in the art of television system and, therefore, it would have been obvious to those with ordinary skill in the art at the time the invention was made to modify the system of Haskin in order to receive a broadcasting video signal instead of the video signal generated from the MRI, CT scanner and digital angiography unit, as shown in Fig.6. making the system of Haskin more flexible and universal.

Conclusion

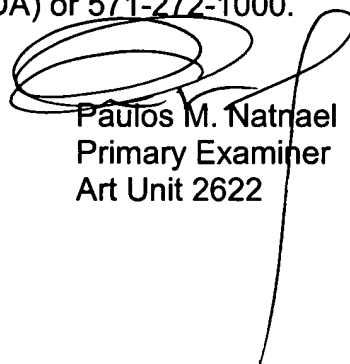
6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lee, U.S. 6,052,208 discloses a facsimile-television system and facsimile signal transmitting method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (571) 272-7354. The examiner can normally be reached on 9am - 5:30pm M,W, F (7am-3:30pm T,Th).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571)272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Paulos M. Natnael
Primary Examiner
Art Unit 2622

PMN
July 19, 2006